

FIGURE 1

100494-121801

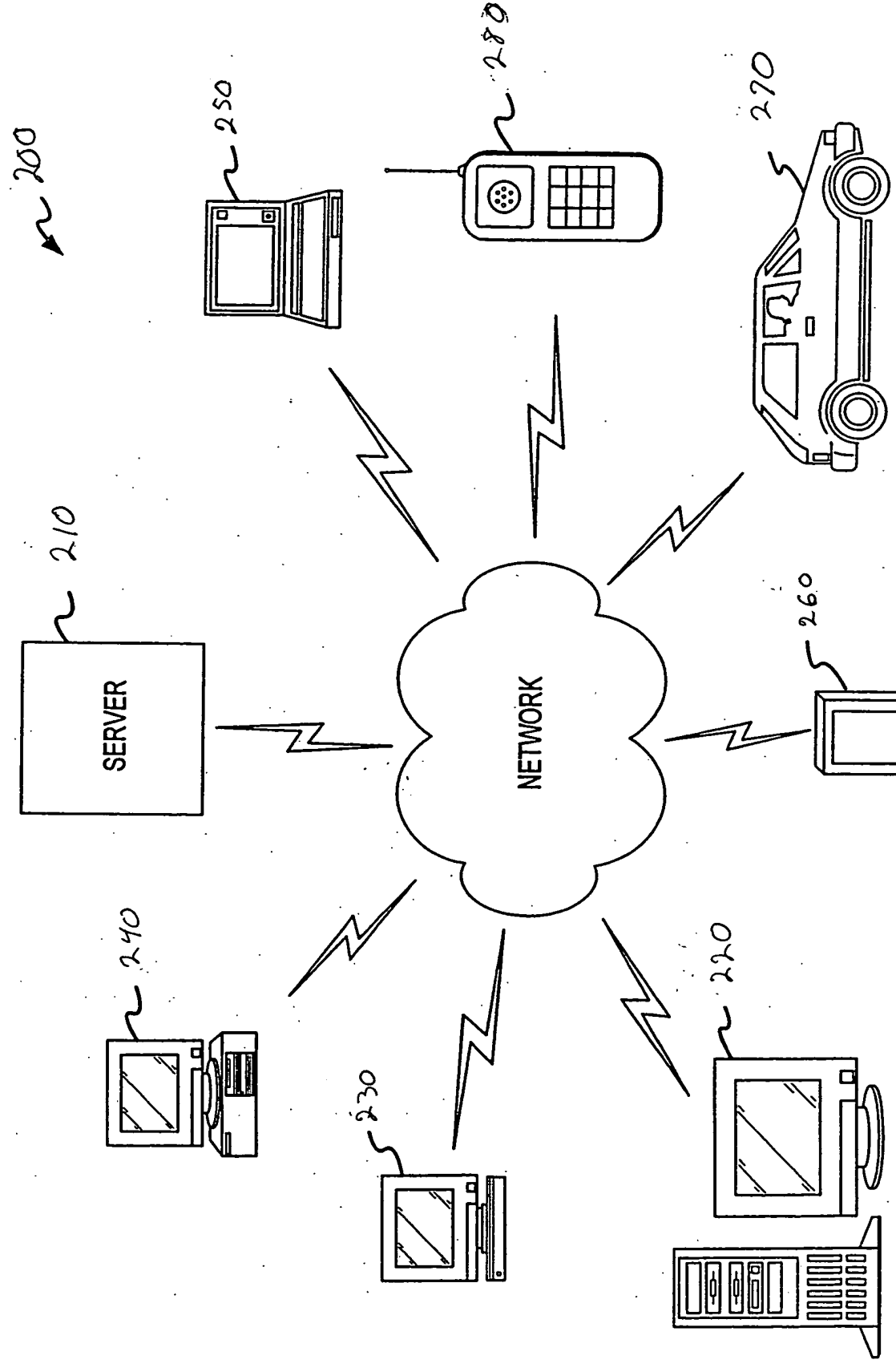


FIG. 2



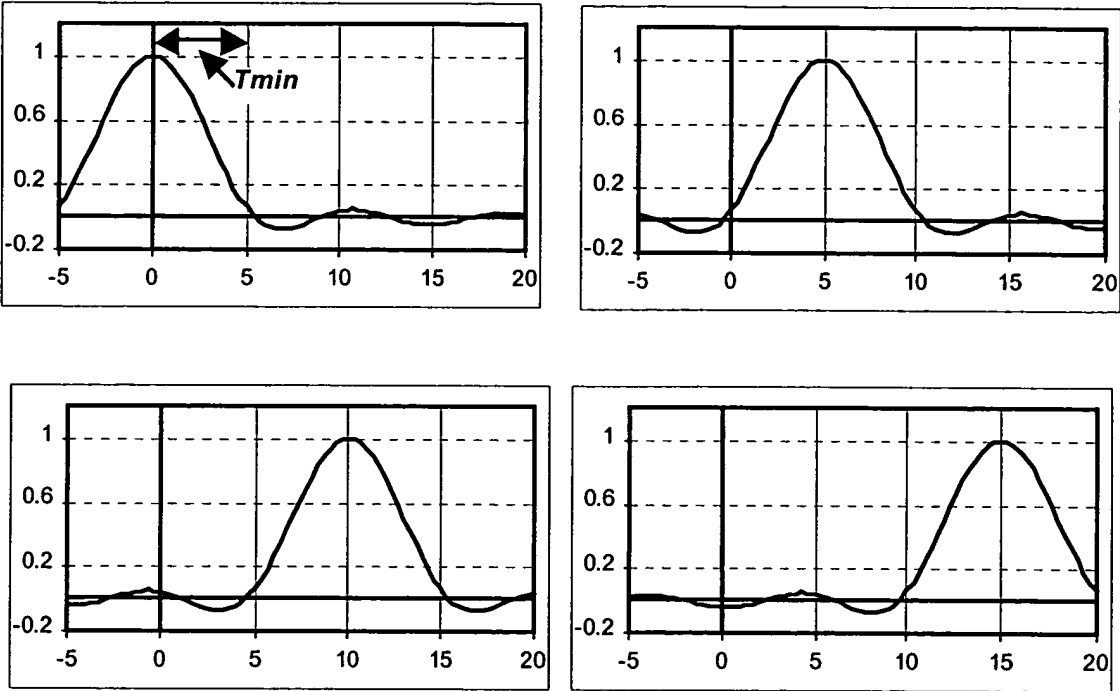


Figure 4

TEST-46420T

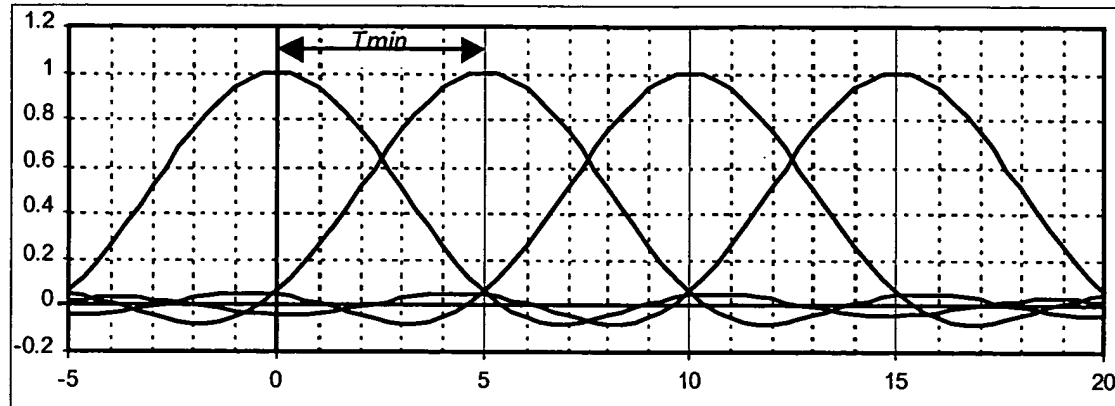


FIGURE 5

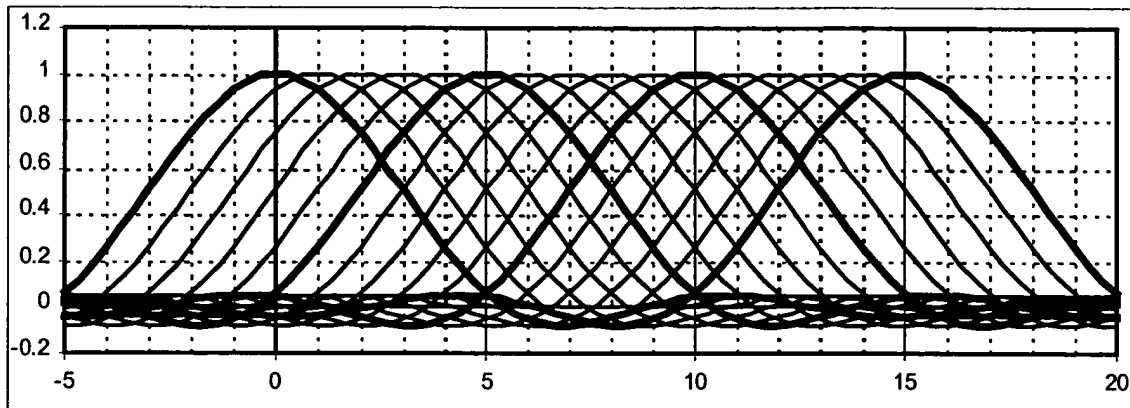


FIGURE 6

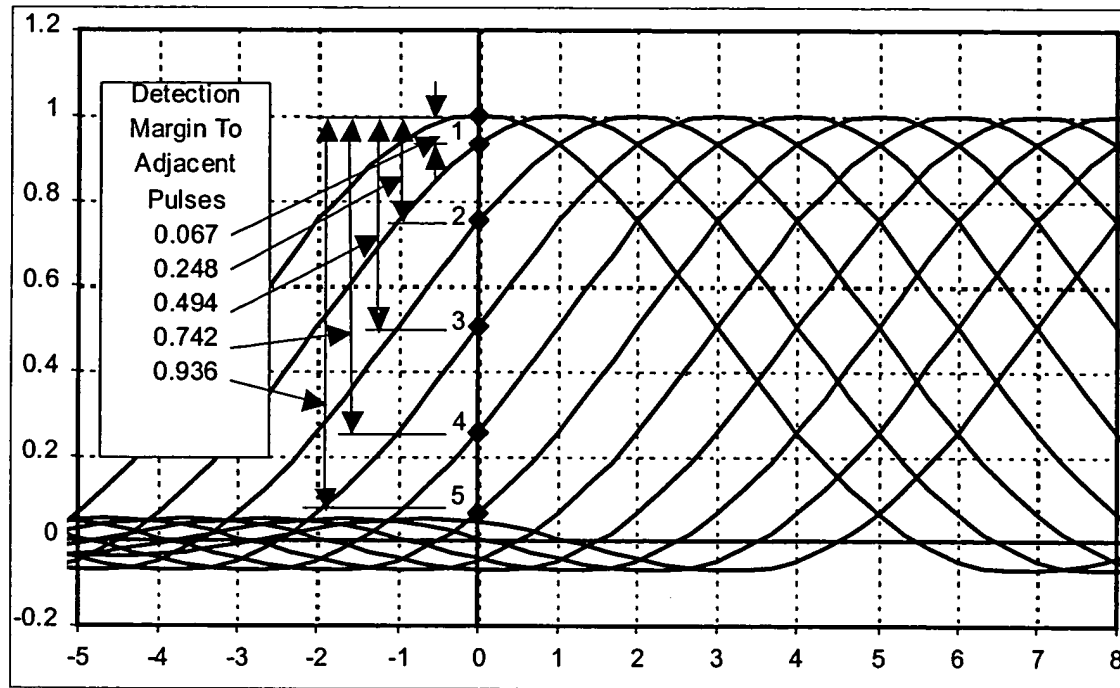


FIGURE 7

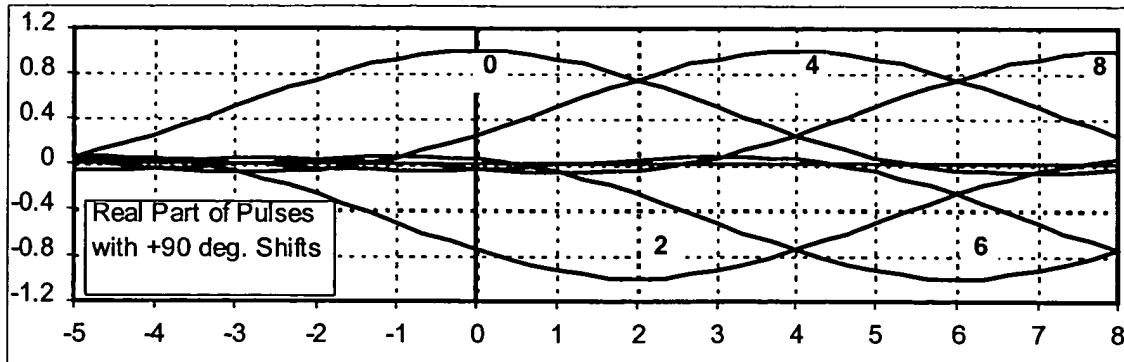


FIGURE 8 A

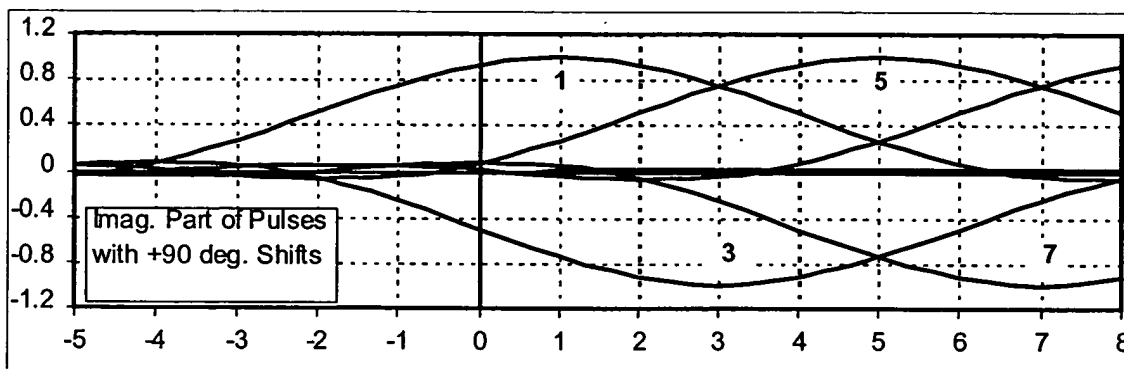


FIGURE 8B



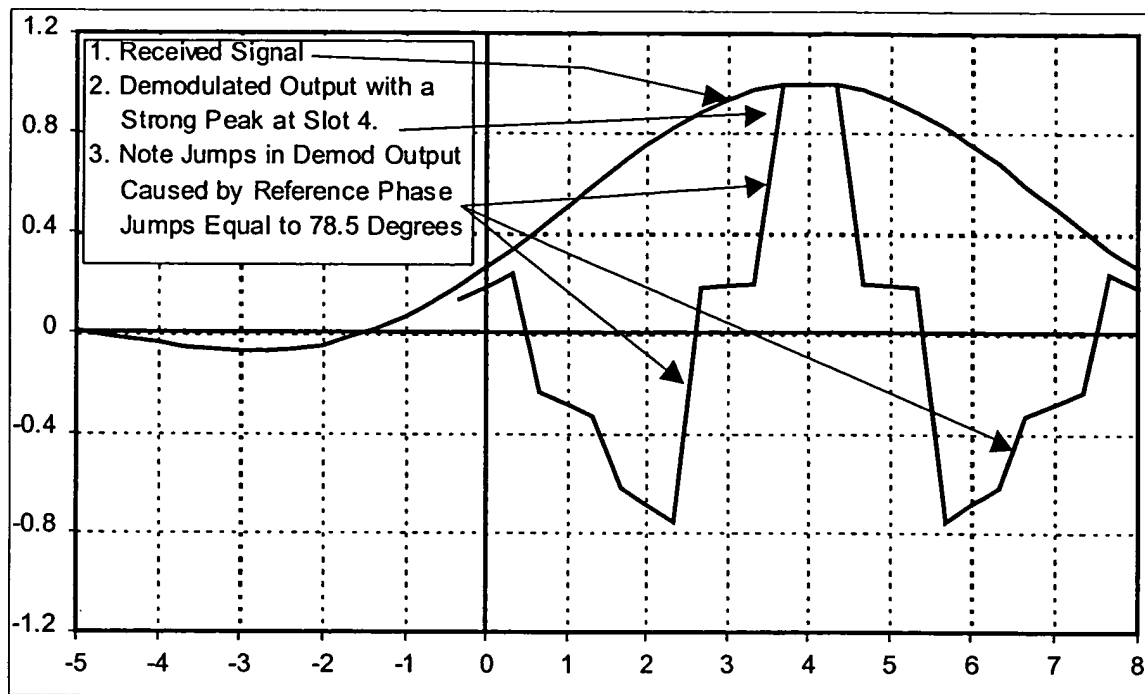


FIGURE 9

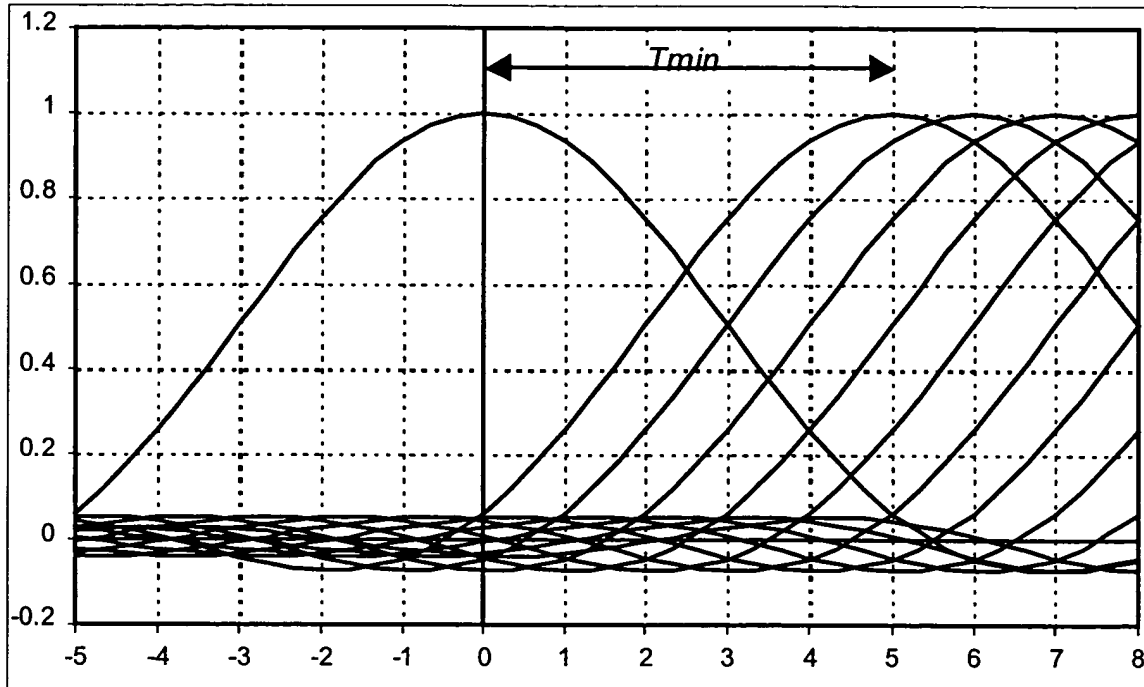


FIGURE 10

# REPORT

**Each Row Shows A Unique Placement for 2 Items (X & Y) and Multiple Placement for the 3rd (Z)**

FIGURE 11

State	0	1	2	3	4	5	6	7	8	9
0	X			Y						
1	X				Y					
2	X							Y		
3	X									
4		X			Y					Y
5		X				Y				
6		X						Y		
7			X		Y					
8			X				Y			
9			X							Y
10				X		Y				
11				X				Y		
12					X					
13					X					Y
14						X			Y	
15							X			Y

A: In-Phase Sub-Group

State	0	1	2	3	4	5	6	7	8	9
0	X			Y						
1	X					Y				
2	X							Y		
3	X									Y
4		X			Y					
5		X				Y				
6		X					Y			
7			X			Y			Y	
8			X					Y		
9			X							Y
10				X		Y				
11				X				Y		
12					X					
13					X					Y
14						X			Y	
15							X			Y

B: Quadrature Phase Sub-Group

FIGURE 12

In 10 Slots, Two Reflectors with Minimum Spacing of 2 Slots Have 36 Possible Placements

State	0	1	2	3	4	5	6	7	8	9
0	X		Y							
1	X			Y						
2	X				Y					
3	X					Y				
4	X						Y			
5	X							Y		
6	X								Y	
7	X									Y
8		X		Y						
9		X			Y					
10		X				Y				
11		X					Y			
12		X						Y		
13		X							Y	
14		X								Y
15			X		Y					
16			X			Y				
17			X				Y			
18			X					Y		
19			X						Y	
20			X							Y
21				X		Y				
22				X			Y			
23				X				Y		
24				X					Y	
25				X						Y
26					X		Y			
27					X			Y		
28					X				Y	
29					X					Y
30						X		Y		
31						X			Y	
32						X				Y
33							X		Y	
34							X			Y
35								X		Y

FIGURE 13

100434-1001

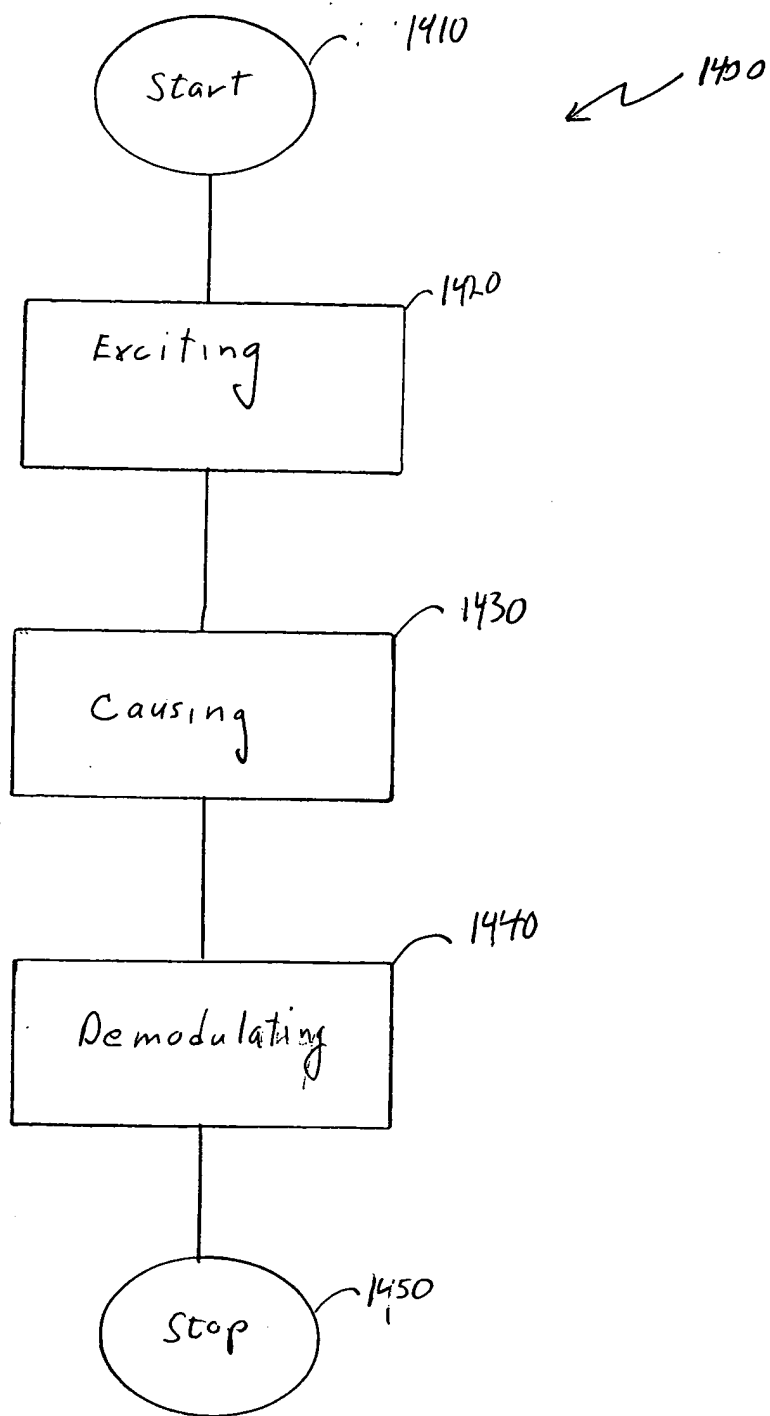


FIGURE 14

10024544.121501

1002434-12101

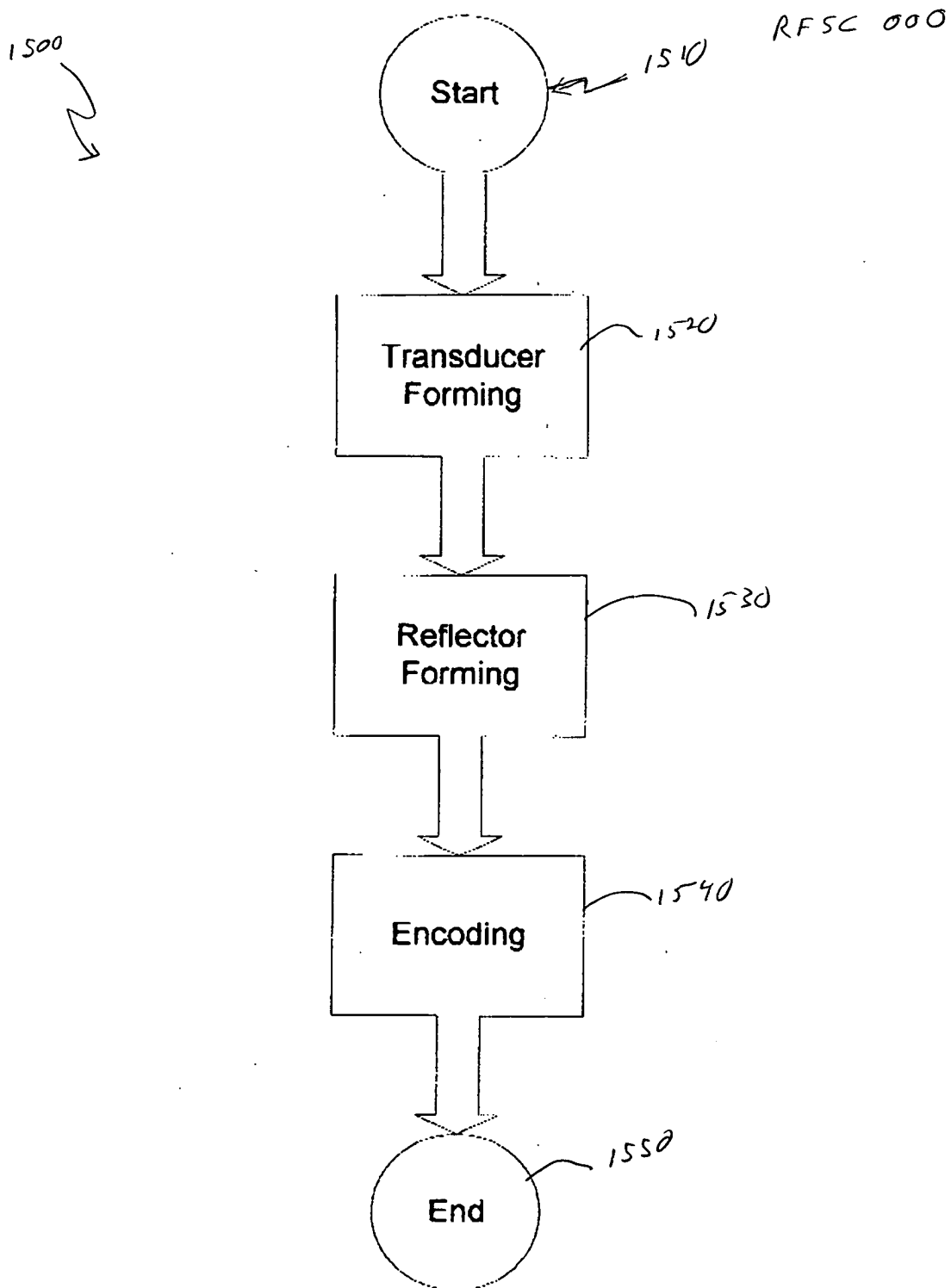


Figure 15